

REMARKS

The abstract, specification and claims have been objected to due to informalities. The abstract, specification and claims have been amended accordingly. No new matter has been added.

Claims 1-9 have been rejected under 35 USC 112, second paragraph. The claims have been amended accordingly.

Claims 1-2 and 6-9 have been rejected under 35 USC 102(e) as anticipated by Ahuja. The rejection is respectfully traversed.

Ahuja generally relates to enhanced Internet services provided over an ISDN line by eliminating from the D-channel any packets that will introduce unacceptable delay in packets transmitted over the B-channel. However, Ahuja fails to disclose that the signaling information is converted to at least one message in the switching center. The message is not converted in the switching center. Rather, in Ahuja, the messages of the D-channel are forwarded, if at all, in their original form through the packet switch but not converted to a new message. In this context, it appears that the Examiner erroneously assumes that an access server (103) in Ahuja is equivalent to the telecommunications services server (9) in the present invention. In Ahuja, the access server (103) is merely an access to the Internet. In contrast, in the present invention, telecommunications services for the telecommunications network are provided through the telecommunications services server (9). The access server (103) in Ahuja does not provide any telecommunications services and thus has a different function. Ahuja does not disclose any server that provides telecommunication services (for example, callback, call waiting, call forwarding).

Additionally, in Ahuja, there is no (telecommunication services) server connected to the switching center via the Internet. Even the access server (103) is connected to the central office switch (105) via an ISDN connection. In the present application, on the other hand, the telecommunication services server (9) is connected to the switching center (5) via the Internet. Accordingly, the messages are transmitted via the Internet to a telecommunications services server (9).

Furthermore, Ahuja does not disclose that a server (8) is provided for processing signaling information of the ISDN D channel and for performing corresponding ISDN services. There is no such server in Ahuja. The access server (103) cited in the examination is merely for accessing the Internet, not for providing ISDN D channel services. Moreover, there is no ISDN D channel server (8) in a switching center (5) in Ahuja. The central switch office does not have an ISDN D channel server, either internally or externally. In addition, the access server (103) cited in the examination is located outside of the central office switch (105). In the present invention, on the other hand, a control (7) is provided in the switching center (5), in which the control (7) has a device for converting received signaling information to messages. No such control is provided in the central office switch (105) in Ahuja, at least not for converting information. The packet switch 109 cited in the examination is merely a conventional packet switch that forwards/routes the data packets but does not convert them into new messages (see, column 3, lines 41 through 45).

In summary, Ahuja discloses the connection of an access server that provides an access to the Internet via ISDN at a central office switch. In the present invention, a telecommunications services server is connected via the Internet to a switching center for converting signaling information. Moreover, the solutions provided in the documents are completely different. In Ahuja packets are removed from the D channel in order to attain a better connection. In the present invention, on the other hand, packets are converted and transmitted via the Internet.

Claim 3 has been rejected under 35 USC 103(a) as unpatentable over Ahuja in view of Zinda. The rejection is traversed for the same reasons presented in the arguments above, and for at least the following reason. Zinda fails to disclose the telecommunication services server is connected to the switching center via the Internet.

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to withdraw the outstanding rejection of the claims and to pass this application to issue. If it is determined that a telephone conference would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the event the U.S. Patent and Trademark office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 449122021400. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

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Respectfully submitted,

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